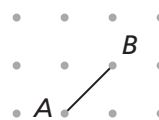


Applications

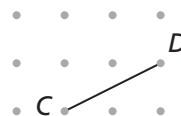
- Find the area of every square that can be drawn by connecting dots on a 3 dot-by-3 dot grid.
- On dot paper, draw a hexagon with an area of 16 square units.
- On dot paper, draw a square with an area of 2 square units. Write an argument to convince a friend that the area is 2 square units.
- Consider segment AB at right.

- On dot paper, draw a square with side AB . What is the area of the square?
- Use a calculator to estimate the length of segment AB .



- Consider segment CD at right.

 - On dot paper, draw a square with side CD . What is the area of the square?
 - Use a calculator to estimate the length of segment CD .



- Find the area and the side length of this square.

